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| 2017 | Local Oscillator | May |
|  | Local Oscillator |  |
| Mesilla Valley Radio Club | | |

This is a pdf file. It will print easily. A free pdf file reader is at <http://www.adobe.com>

| Current Events | | | Table of Contents |
|---|----------------------------|-----------------------------------|--|
| Date | Event | Time | Bean Feed Info VHF Station Project New Repeater Network Minutes |
| Sat | Informal at Cracker Barrel | 6:00 AM | |
| M, W, F | Informal Wal-Mart (West) | 10:00 AM | |
| Wed | MVRC Net 146.64 | 6:45 PM | |
| Tue | Informal Breakfast | Denny's 3901 Bataan Memorial West | |
| May 30 | Board Meeting Club House | 7 PM | |
| June 1 | Meeting Club House | 8 AM | |
| June 1 | Program Club House | 8:45 AM | |
| June 4 | Builder's Group Club House | 7PM | |
| June 11 | Builders Group Club House | 7 PM | |
| June 18 | Builders Group Club House | 7 PM | |
| June 25 | Builders Group Club House | 7 PM | |
| MAY 4 | BEAN FEED | Club House | |
| For more events see http://www.n5bl.org/calendar | | | |



More information at <http://swantenna.com>



KD5OHA Selling Raffle Tickets in 2018

The Articles for This Month

Bean Feed May 4

The annual Bean Feed and tailgate will be held May 4. There will be hams from several states and countries at the event. Show above is KD5OHL selling raffle tickets last year. If you look on the web site (n5bl.org) you can find some more photos.

If you look on the next page here you will find a copy of the flyer put out this year.

Come early, have fun, eat well

Mesilla Valley Radio Club

Annual Bean Feed & Swap Meet

Saturday, May 4. Our Clubhouse is at 6609 Jefferson in Hacienda Acres. Take Hwy 70 to Porter, go South to Jefferson and turn East. The clubhouse is about ½ mile on Left.

Start up at 8AM with Coffee & Donuts

At 10:30, We will be serving Green Chile Stew, Beans, Tortilla, and Drink for \$6

There will be lots of treasures to be had at reasonable prices. If you have stuff to sell Tailgating is invited

Proceeds from this event is used for support of the Mesilla Valley Radio Club, A 501c3 Organization

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A New Club Project

Last month WA5DJJ announced the beginning of a major club program. He proposed that the club build a first class VHF (UHF) club station which would be available to all. Here is the letter which he sent to all club members. As you can see, the proposal is for much more equipment then the average technician is likely to assemble. Work has already been stated. He sent out a progress report on May 1. As you can expect, there will be a lot of work and money needed to accomplish this effort. If you would like to be part (large or small) of this effort contact WA5DJJ.

WA5DJJ Project Letter

Dear Members,

This last week the club was donated a KENWOOD TS-2000 Transceiver which even includes the 1296MHz Transverter. It will operate on all modes on 50MHz, 144MHz, 432MHz and 1296MHz. It has sufficient power output to be a real VHF/ UHF contest station, be able to do Meteor Scatter and Operate all the digital modes with ease. I have been wanting to have a station that is really capable to work all of the exciting Technician Class frequency spectrum for years. So this is our opportunity. I need the clubs technician class amateurs to help me make this station. It will give you the experience and skills necessary to be able to build your own station when you're ready.

In the meantime you can operate this one and gain some valuable practical experience.

Right now we presently have the front tower with a M squared 6 Meter and 2 Meter horizontally Polarized beams. These are both good competition class beams. The tower has a rotator and the beams are wired with coax into the clubs main meeting room. Now we have a Good Radio for this station.

Here is what we need to buy or make to complete this station to be a full up ready to operate at the drop of a hat:

A metal office desk

A PC desktop computer running windows software prefer windows 7 or higher. Wide screen monitor, Mouse and keyboard.

An Astron RS-35 13.8VDC 35Amp Power Supply for the Radio and other 12VDC accessories.

4 two pole antenna coaxial switches so that the horizontal and Vertical antennas can be switched easily to the radio.

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A horizontal 432MHz beam to be added to the tower similar to a cushcraft 430 or 719B Beam for the SSB terrestrial operations. (This can be built or bought)

A 1296 beam for horizontal operations (this can be built or bought)

A 6M vertical antenna similar to a cushcraft AR-6 that we use on the 6M repeater.

A 2 Meter copper cactus that can be built Cheaply.

A 440MH copper cactus that can be built Cheaply.

We are going to need about 250 feet of LMR-400 Flex Coax or Its equal Clone.

20 type N coax connectors for antenna cables and inter wiring cables inside the radio room to the switches.

20 type PL-259 connectors for interconnects on the antennas and in the radio room.

200 feet of RG-213/u coax for connecting the vertical antennas to the switches.

We need to add about 6 feet of pipe to the existing tower top and some additional pipe for mounting the vertical antennas in a line at the top of the tower.

A signal link USB radio to computer interface for operating the digital modes on this station.

Some particle board and materials to build the operational shelving that sits on top of the desk will also be required to be purchased and the shelving unit built.

I would also like this station to have its own ink jet printer for use printing out operational schedules and other information that needs to be viewed by the operators. Since they are so cheap these days this isn't a show stopper.

There is a lot of assembly work that needs to be done in the antenna area and preparations for the installation on the towers. When this preparation work is finished, then we will lower the tower for the installation of the antennas and the coaxial cables. Once that is done we can complete the work that needs to be done inside the clubhouse to finish the installation. There is plenty of work for everyone to do

New Repeater System

N6RHH

I was tuning (VFO) around 2m fm earlier and stumbled across a repeater on 145.470 with traffic from AZ. Hmm, I tracked down the tone on 141.3 and gave it a try. It was K7EAR on Caballo Peak, belonging to the Eastern Arizona Amateur Radio Society. I was full quieting into the machine on 15 watts. I can't get into our .76 machine with 50 watts from my house. Anyway it's part of a 11 repeater system throughout AZ and into western NM. They have an informative website at: eaars.com. It is a nice system to have programmed in your radio, especially if you travel around AZ. Just having .18 LC MegaLink and the .47 EAARS frequencies enables you to cover most of two states!



EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 **IRLP:** 7787

Heliograph Peak at Safford, AZ:
 146.860, 440.700 Linked
 146.900, 447.8250 Not Linked

Jacks Peak at Silver City, NM:
 145.210 Linked

West Peak at Ft Thomas, AZ:
 145.350 Access to link to network

Pinal Peak at Globe, AZ:
 145.410 Linked

South Mt at Alpine, AZ:
 145.270 Linked

Caballo Mt at TorC, NM:
 145.470 Linked

Greens Peak at Show Low, AZ
 146.700 Linked

Little Florida at Deming, NM:
 147.060 Linked

Mule Mt at Bisbee, AZ:
 147.080 Linked

Mt Lemmon at Tucson, AZ
 147.160 Linked

Guthrie Peak at Clifton, AZ:
 147.280 Linked

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Board Minutes

MVRC DIRECTORS MEETING MINUTES APRIL 4TH, 2019

Sven called the meeting to order at 7:01

Present were: Sven, Rob, George, Charles, Kyle, Dave, Grace, Cash, Bob, Howard, P.J., Alex and Earl

P.J. delivered the treasurers report for Furman who was in hospital

Bob reported bldg paint job almost done—power washed the west and south walls—Sherman Williams top of line paint at \$50/gal, used over 10 gal

discussion on whether to have donuts and coffee for bean feed instead of beans. To be determined after gen meeting on the 6th.

Charles reported reflector general 111 signed up, board 14, builders 30, linux 19 and testers 9

George reported Bataan went well, station 5 used mvrc as a relay when the main net crashed

Rob reported a 6 meter antenna had been added

Alex spoke about publicity and the 6 meter frequencies . Repeater RX 52,750, TX 53,750 and tone 141.3

Randy reported a clubhouse camera in work and available for beta testing

Dave reported he would support the qso party on sat the 13th from the clubhouse on 80/40/20

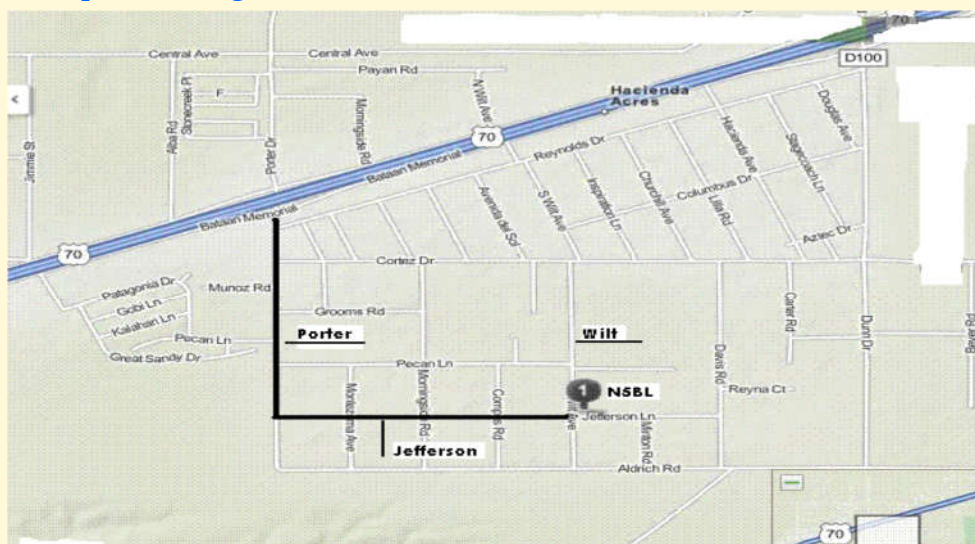
Meeting Minutes

April 6 2009 Club minutes

Meeting called to order at 8:45 by club president Sven Breden, K5SHB. MVRC Financial report was given by PJ Smith, KF5LCL for absent Treasurer Furman Smith, KF5KHL. The Club house painting report was discussed by Robert (Bob) Rover, KB6DYM. Club is painted, trim work remains. Sven, K5SHB told the group that the annual club bean feed might have to do with out food being served due to several unforeseen and unfortunate events pertaining to the folks that normally take care of these things. Worst case scenario is the club president bringing in donuts and coffee brewed at the club house. A backup for food is being worked out as of this writing. A small crew, yet to be named will come in and price the items in the shed for bean feed. Harvey Baldwin, W0RUG is going to donate a 120 gallon propane bottle to the club. This solves the club's propane problem. Harvey awarded a first contact certificate to Will Davis, KI5DQL. Cash Olsen, KD5SSJ introduced Dave Hassall, WA5DJJ to give the April tech talk on sun spot activity.

CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



| Officers | | | | |
|---------------|---------------|--------|--------------|--|
| Office | Name | Call | Phone | E-Mail |
| President | Sven Breden | K5SHB | 635-0414 | sven.breden@gmail.com |
| Secretary | Kyle Gesswein | KY2LE | 640-5301 | kgesswein@comcast.net |
| Treasurer | Furman Smith | KF5KHL | 382-5982 | smithf@zianet.com |
| Board Members | | | | |
| Education | Cash Olsen | KD5SSJ | 382-1917 | radio.kd5ssj@gmail.com |
| Clubhouse | Lloyd Naylor | N5MSZ | 373-1028 | lloyd88012@yahoo.com |
| Newsletter | Alex. Burr | K5XY | 522-2528 | k5xy@arrl.net |
| Repeater | Robert Truitt | KE5OFK | 649-4173 | robhtruitt@zianet.com |
| Commo | George Kopp | KD5OHA | 649-9503 | geokd5oha@yahoo.com |
| Special | Don Rover | KB6DYM | 303-717-4874 | rb.rover@gmail.com |
| IT | Charles Combs | KG5BVE | 649-1071 | kg5bve@gmail.com |

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JOIN THE MESILLA VALLEY RADIO CLUB

Name(s) _____

EMAIL _____

If you want confirmation that your payment was received and processed, please include your email address

Street Address _____ PO Box# _____

City _____ Zip _____ Phone _____

To join the Mesilla Valley Radio Club or renew your membership, please complete this form and print or cut out. Send it to **“Treasurer, MVRC, PO Box 1443, Las Cruces, NM 88004”** with annual dues (\$35 single, \$45 family)

Date: _____ Method of payment: Check No. _____ Other _____

Call Sign(S) _____ Family Membership Yes _____ No _____

License Class (E, A, G, T, N) _____ ARRL Member? (Y/N) _____

Are You a ARRL Volunteer Examiner (Y/N) _____

Would you like to be added to the MVRC reflector (email information system)? _____

Interests

Computer _____ Contests _____ Digital _____ Elmer _____ Emergency Communications _____

Field Day _____ Packet _____ Programs _____ Public Service _____ Publicity _____ RFI _____

Repeater _____ Social _____ License Classes _____ Teach Licensing Classes _____

Volunteer Examiner _____ QRSS _____ Other _____

Comments